



0068785

STATE OF WASHINGTON  
DEPARTMENT OF ECOLOGY  
3100 Port of Benton Blvd • Richland, WA 99352 • (509) 372-7950

February 21, 2006

Mr. Roy J. Schepens, Manager  
Office of River Protection  
United States Department of Energy  
P.O. Box 450, MSIN: H6-60  
Richland, Washington 99352

RECEIVED  
FEB 28 2006  
EDMC

Mr. Jim Henschel, Project Manager  
Bechtel National, Inc.  
2435 Stevens Center Place, MSIN: H4-02  
Richland, Washington 99354

Dear Mr. Schepens and Mr. Henschel:

Re: Class <sup>1</sup>1 Modification to the Hanford Facility Resource Conservation and Recovery Act (RCRA) Permit, Dangerous Waste Portion for the Treatment, Storage, and Disposal of Dangerous Waste, Part III, Chapter 10 (Waste Treatment and Immobilization Plant) WA7890008967; Hanford Facility RCRA Permit Modification Notification Form 24590-PTF-PCN-ENV-05-033

The Department of Ecology approves the referenced Class <sup>1</sup>1 Modification submitted by the U.S. Department of Energy – Office of River Protection. The approved Hanford Facility RCRA Permit Modification Notification Form is enclosed.

Modification 24590-PTF-PCN-ENV-05-033 provides the updated (Revision 2) Material Selection Data Sheet for the Pretreatment Facility C3 Floor Drain Collection Vessel (PWD-VSL-00046).

If there are any questions, contact me at (509) 372-7882 or Robbie Biyani at (509) 372-7884.

Sincerely,

Brenda Becker-Khaleel  
WTP Lead Permit Writer  
Nuclear Waste Program

BBK:AH:jc  
Enclosure

cc: see next page



Mr. Roy J. Schepens and Mr. Jim Henschel  
February 21, 2006  
Page 2

cc/electronic: Robert C. Barr, USDOE  
John Eschenberg, USDOE  
Joel Hebdon, USDOE  
Lori Huffman, USDOE  
Tony McKarns, USDOE  
Gae Neath, USDOE  
Woody Russell, USDOE  
Don Sommer, USDOE  
Julie Atwood, BNI  
Bill Elkins, BNI  
Brad Erlandson, BNI  
Stan Hill, BNI  
Dennis Klein, BNI  
Phil Peistrup, WGI

cc w/enclosures: Administrative Record: Tank Waste Treatment Requirements ✓  
ORP Correspondence Control

<b>Hanford Facility RCRA Permit Modification Notification Form</b>								
Unit	Permit Part & Chapter:							
<b>Waste Treatment and Immobilization Plant</b>	<b>Part III, Chapter 10 and Attachment 51</b>							
<b>Description of Modification:</b> The purpose of this modification is to update PTF Plant Item Material Selection Data Sheet (MSDS) for the PTF C3 Floor Drain Collection Vessel (PWD-VSL-00046) currently in Appendix 8.9 in the Dangerous Waste Permit (DWP).  The following are the major changes to the above mentioned MSDS: <ul style="list-style-type: none"> <li>Options considered and recommended corrosion allowance have been changed</li> <li>General corrosion consideration information has been added</li> <li>Information on pitting corrosion, stress corrosion cracking, crevice corrosion, corrosion at welds, microbiologically induced corrosion, and erosion has been changed</li> <li>Additional references and items in the bibliography section have been added</li> <li>Process corrosion data sheet has been updated</li> <li>Information on routine and non-routine operations has been added</li> </ul> These changes do not substantially alter the permit conditions or reduce the capacity of the facility to protect human health or the environment.  Please replace the following MSDS in the DWP: <table border="1" style="width: 100%; margin-top: 10px;"> <tr> <th colspan="2" style="text-align: left; padding: 2px;">Appendix 8.9</th> </tr> <tr> <td style="width: 50%; padding: 2px;">Replace: 24590-PTF-N1D-PWD-P0006, Rev. 1</td> <td style="width: 50%; padding: 2px;">With: 24590-PTF-N1D-PWD-P0006, Rev. 2</td> </tr> </table>					Appendix 8.9		Replace: 24590-PTF-N1D-PWD-P0006, Rev. 1	With: 24590-PTF-N1D-PWD-P0006, Rev. 2
Appendix 8.9								
Replace: 24590-PTF-N1D-PWD-P0006, Rev. 1	With: 24590-PTF-N1D-PWD-P0006, Rev. 2							
WAC 173-303-830 Modification Class: <sup>1 2</sup>	Class 1	Class <sup>1</sup> 1	Class 2	Class 3				
Please mark the Modification Class:		X						
Enter Relevant WAC 173-303-830, Appendix I Modification citation number: N/A Enter wording of WAC 173-303-830, Appendix I Modification citation: N/A In accordance with WAC 173-303-830(4)(d)(i), this modification notification is requested to be reviewed and approved as a Class <sup>1</sup> 1 modification. WAC 173-303-830(4)(d)(ii)(A) states, "Class 1 modifications apply to minor changes that keep the permit current with routine changes to facility or its operation. These changes do not substantially alter the permit conditions or reduce the capacity of the facility to protect human health or the environment. In the case of Class 1 modifications, the director may require prior approval."								
Modification Approved: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (state reason for denial) Reason for denial:			Reviewed by Ecology:  <div style="text-align: center;">               S. Dahl           </div> <div style="text-align: right;">             2-77-06              Date           </div>					

<sup>1</sup> Class 1 modifications requiring prior Agency approval.<sup>2</sup> This is only an advanced notification of an intended Class <sup>1</sup>1, 2, or 3 modification, this should be followed with a formal modification request, and consequently implement the required Public Involvement processes when required.